

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-FO
Procedure No.: Table of Contents, Rev 9
Page: 1 of 3
Effective Date: 1/31/92
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)

This is a

CONTROLLED DOCUMENT
ENVIRONMENTAL MANAGEMENT

This is a stamp

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DCN 92.03	Delete Distilled Water Sampling	1	01/29/92
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DCN 92.01	Clarification of Work Area	1	01/31/92
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FO.06	Handling of Personal Protective Equipment	1	08/30/91

ADMIN RECORD

REVIEWED DATE 12/10/91

By *[Signature]*

Date 2/10/92

A-SW-000971

"REVIEWED FOR CLASSIFICATION

By *U.S. Sendelevsk*

Date 3 Feb 92

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DCN 91.01	Approved practices for disposal of surface water monitoring PPE	1	09/19/91
DCN 91.02	Superseded by DCN 92.02	1	01/20/92
DCN 91.04	Clarification of personal protective equipment surveyng	1	11/26/91
DCN 92.01	Change in PPE disposal requirements	1	01/17/92
DCN 92.02	Clarified protected area	1	01/20/92
FO.07	Handling of Decontamination Water and Wash Water	1	08/30/91
DCN 91.01	Superseded by DCN 92.01	1	01/20/92
DCN 91.02	Superseded by DCN 92.02	1	01/20/92
DCN 92.01	Clarify definition of potentially contaminated	1	01/20/92
DCN 92.02	Clarify work area characteristics	1	01/20/92
FO.08	Handling of Drilling Fluids and Cuttings	1	08/30/91
DCN 91.01	Superseded by DCN 92.03	1	01/29/92
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DCN 92.03	Clarify Locking Requirements	1	01/29/92
FO.09	Handling of Residual Samples	1	08/30/91

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FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	1	08/30/91
DCN 91.01	Superseded by DCN 92.02	1	01/29/92
DCN 91.02	Superseded by DCN 92.01	1	01/20/92
DCN 92.01	Clarify environmental liquids generated	1	01/20/92
DCN 92.02	Delete usage of indelible markers	1	01/29/92
FO.11	Field Communications	1	08/30/91
FO.12	Decontamination Facility Operations	1	08/30/91
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	1	08/30/91
FO.14	Field Data Management	1	08/30/91
DCN 92.01	Expansion of sample analysis requirements	1	01/06/92
FO.15	Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)	1	08/30/91
FO.16	Field Radiological Measurements	1	08/30/91
DCN 92.01	Change in monitoring requirements for bedrock work	1	01/20/92
DCN 92.02	Change in Envelope Specifications	1	01/29/92
FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added
FO.18	Environmental Sample Radioactivity Content Screening	1	08/30/91
FO.19	Base Laboratory Work	1	08/30/91

ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS- FO.10

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Title Receiving, Labeling and Handling Environmental Materials Containers	Date 12/18/91	DCN Number 5-21000-OPS- FO.10-92,02
Expires <u>4-29-92</u> <i>1/24/92</i> Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation <u>None</u>		

Item Number	Page	Step or Paragraph	(Use DCN CONTINUATION SHEET for Additional Space)
FO.10 Rev 1	16	3	<div style="text-align: right;">(Change RED Stamp)</div> <p>Omit '(or indelible marker)' and change the word 'should' to 'will'. (See attachment)</p>

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

U.V. light deteriorates the indelible ink resulting in fading of the label and/or the lost ability to properly identify the label.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
	QAPM	X					
<i>M.C. Brown</i>	EQM	X	<i>1/25/92</i>	<i>Chase</i>	<i>RED-USA</i>		<i>12/19/91</i>

Approval of Responsible Manager <i>M.A. Adams</i>	Date 21 JAN 92	Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date? 1-29-92	Date Posted
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RECEIVING, LABELING, AND HANDLING ENVIRONMENTAL MATERIALS CONTAINERS

EG&G ROCKY FLATS PLANT	Manual:	5-21100-OPS
EMAD MANUAL OPERATION SOP	Procedure No.:	FO.10, Rev. 1
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	Effective Date:	June 10, 1991
Category 1	Organization:	Environmental Management

- location will be sent to an off site laboratory for a full suite of analytical results to characterize these environmental materials. The drums will remain at the drilling site until a Waste Operations storage area is available. At the time Waste Operations notifies EM that space is available, the drums will be moved to the transfer/storage area to await assessment of the associated environmental samples.

The subcontractor will perform the following steps to ensure the proper handling of the gray drums until transferred to EG&G custody:

- In addition to the drum number, the drums will be marked with the words "ENVIRONMENTAL MATERIAL PENDING ASSESSMENT"; the associated well, boring, or sampling number and location; the word "SOIL", or "PPE" (for disposable personnel protective equipment), as appropriate; the subsurface interval (if soil); and the date the drum was filled. (Soils will not be commingled with miscellaneous environmental materials or PPE within a drum.)
- A paint stick ~~(or indelible marker)~~ should be used to apply identifying marks on drums to ensure that the marks will not be washed away during decontamination or precipitation. A paint stick should not be applied in the vicinity of sampling or field monitoring events to prevent cross-contamination of samples.
- Identifying marks should be legible, with characters approximately $\frac{3}{4}$ inches high, and written on two (opposite) sides and on the top of the drum.
- Gray drums will be placed on wood pallets at the drilling site.